

1/18

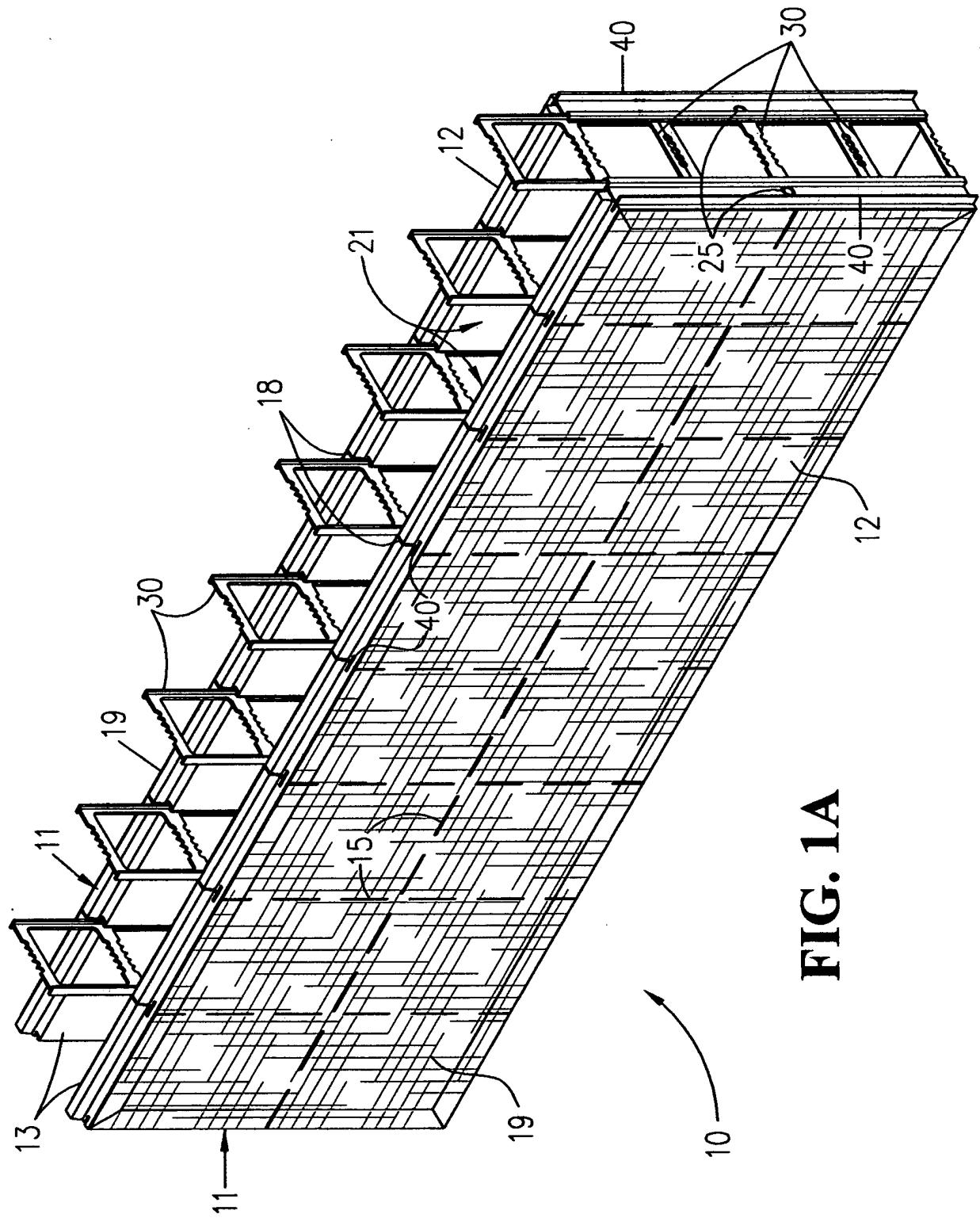


FIG. 1A

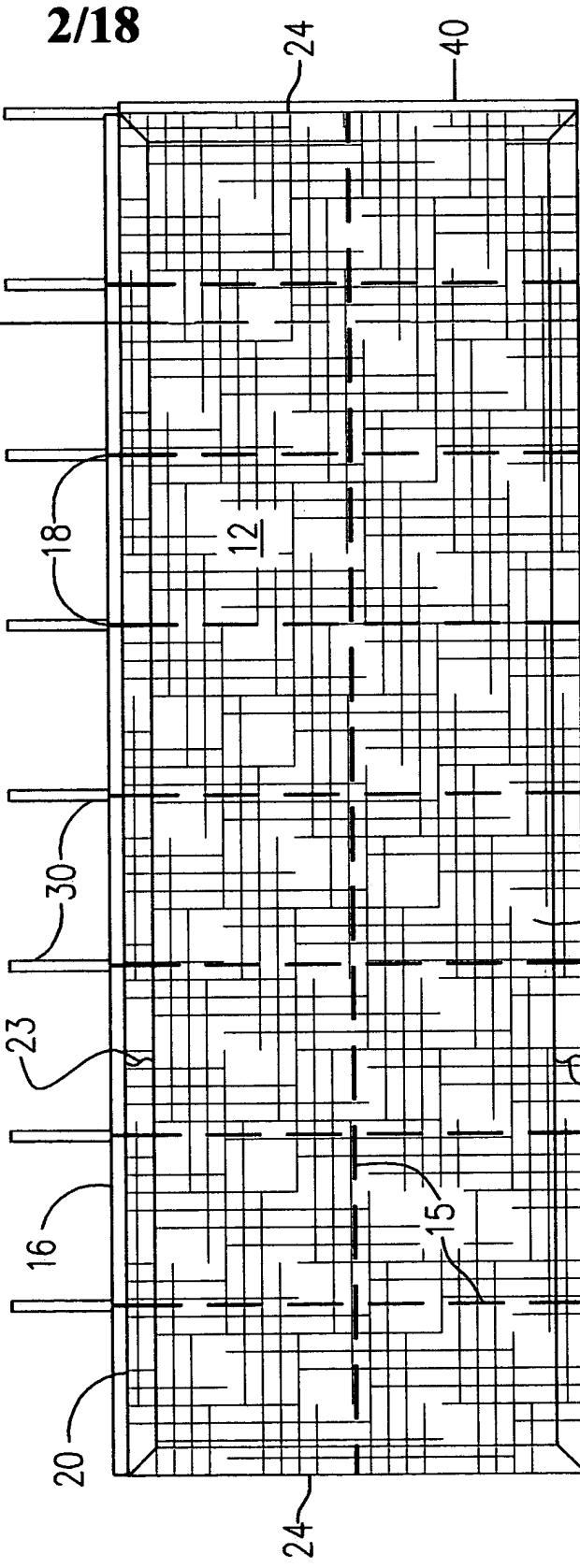
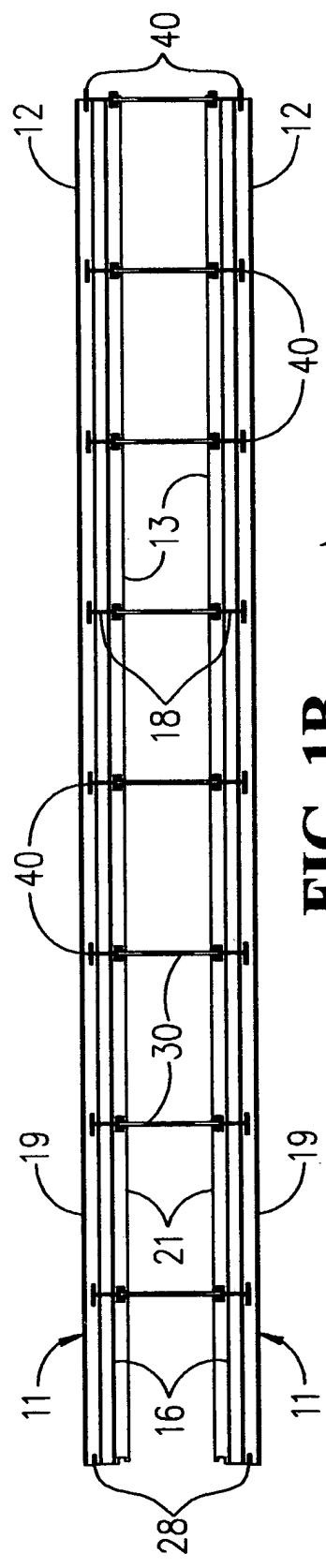
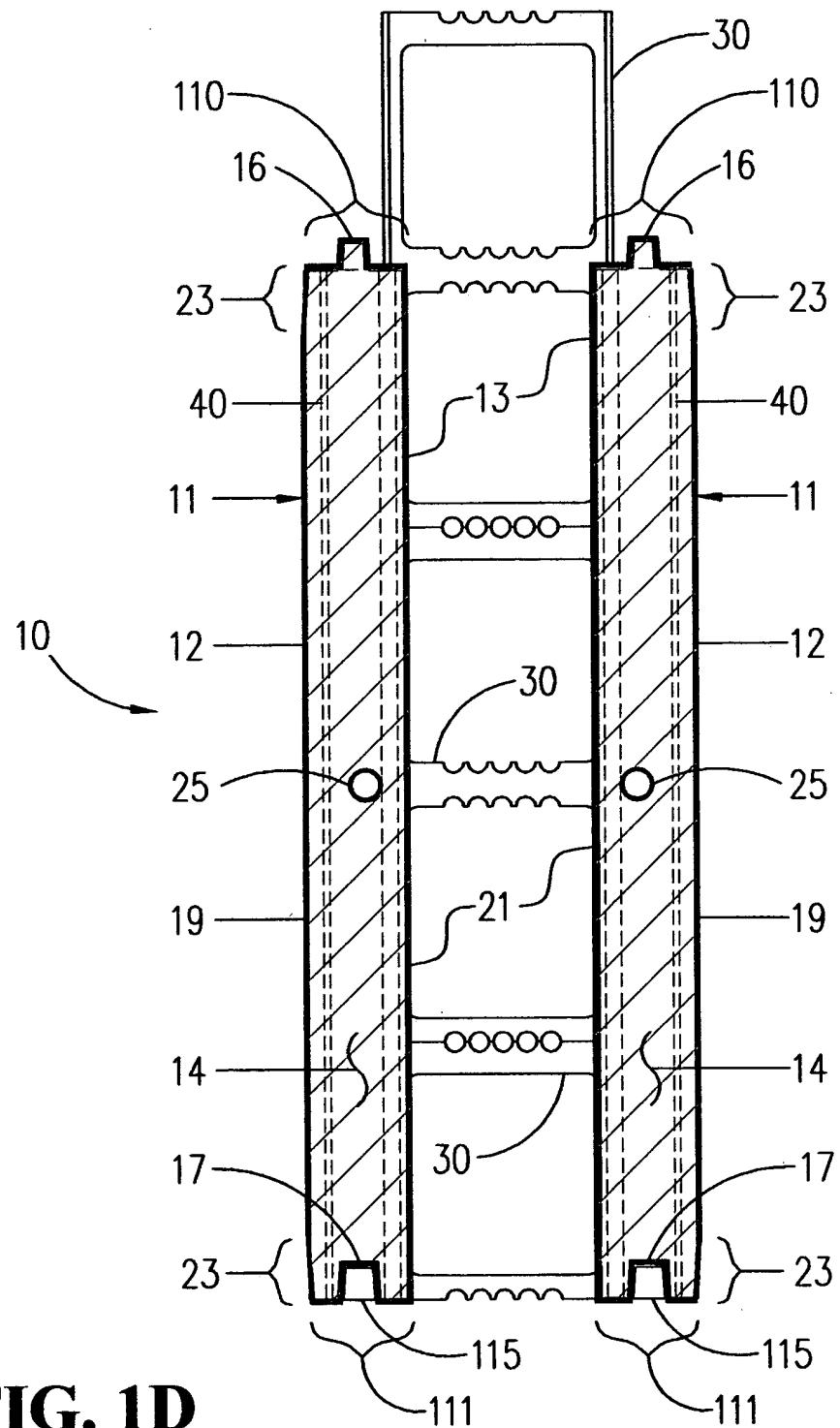


FIG. 1C

3/18



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FIG. 1D

4/18

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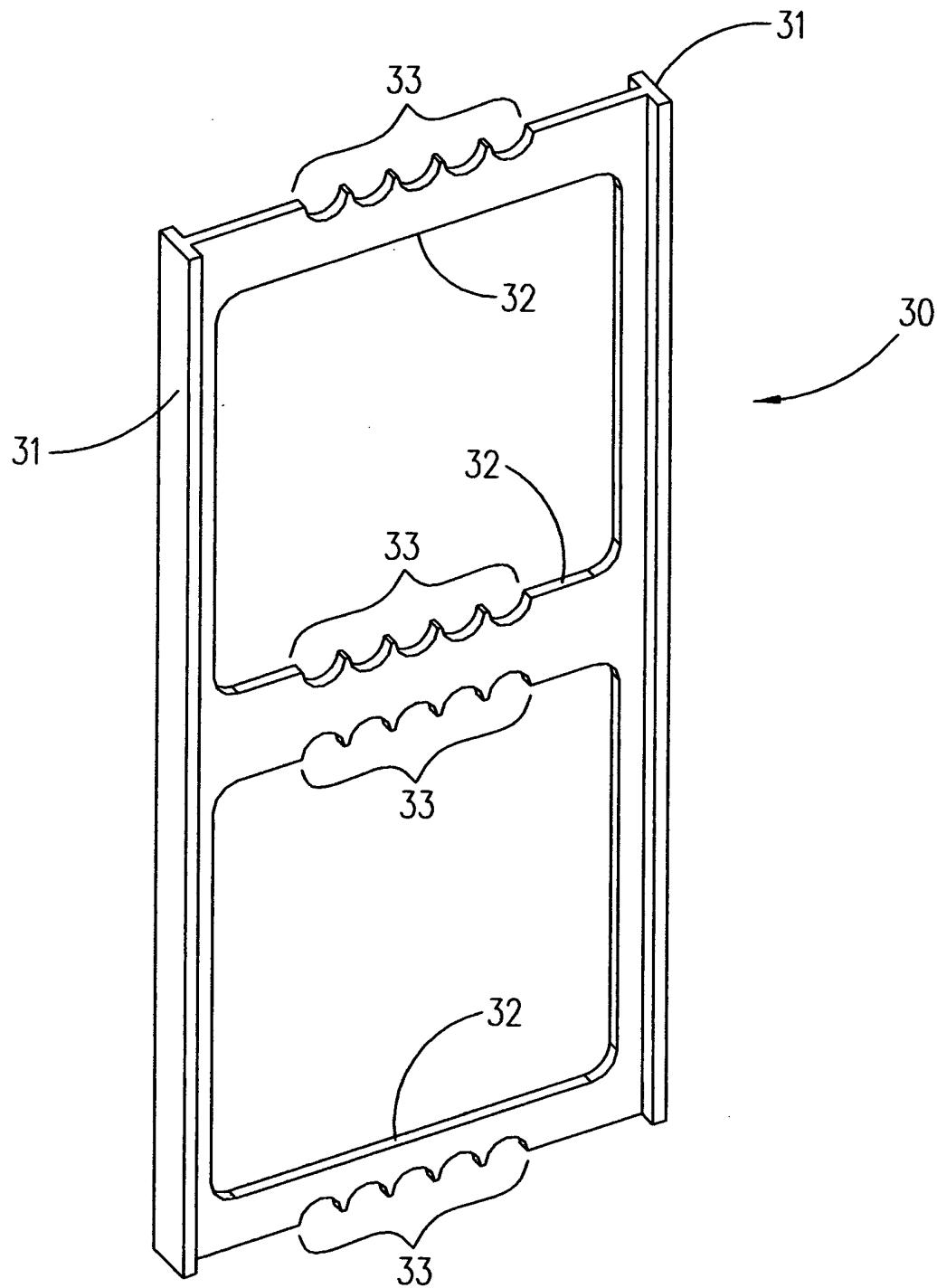


FIG. 2A

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5/18

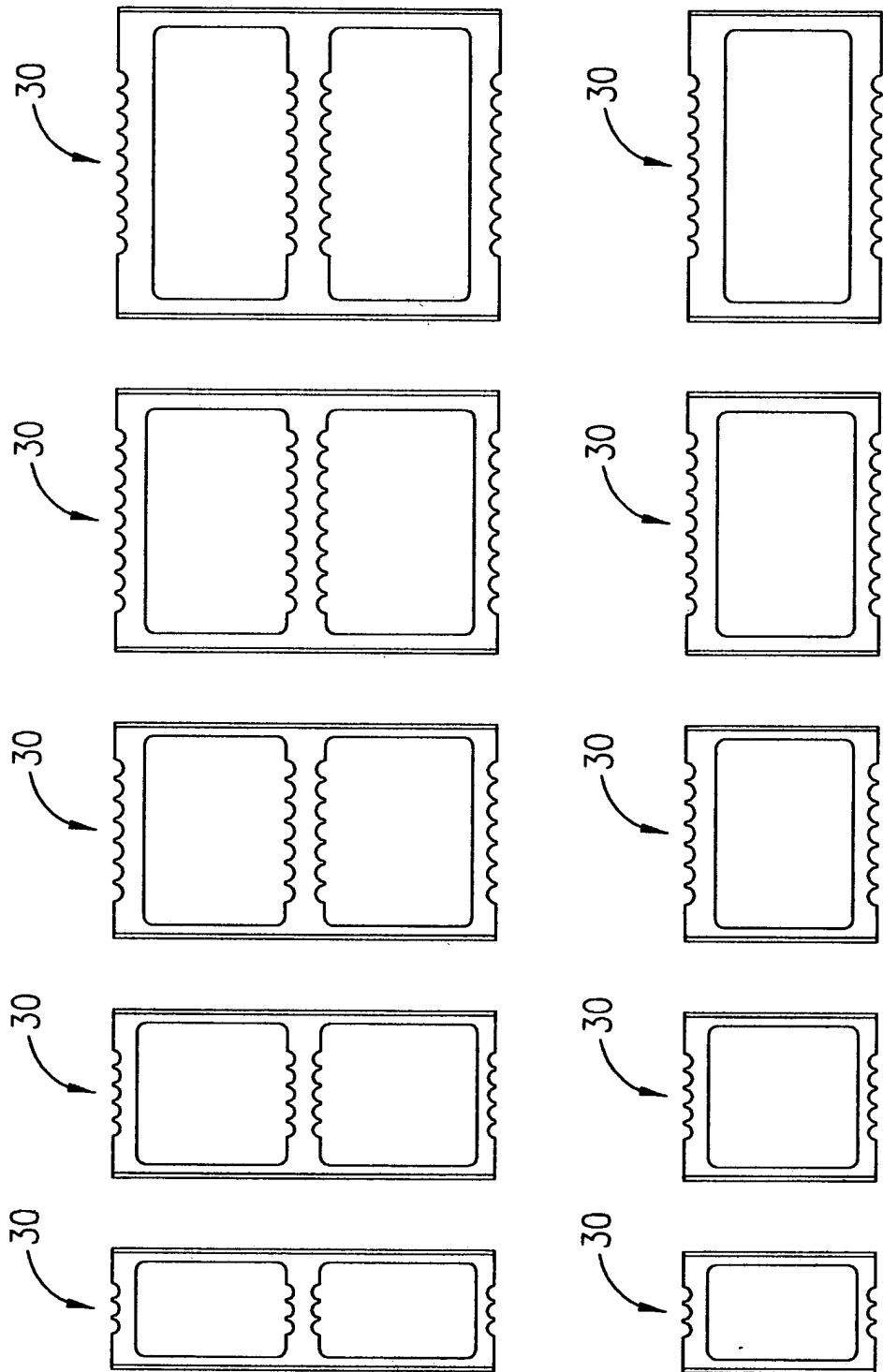


FIG. 2B

6/18

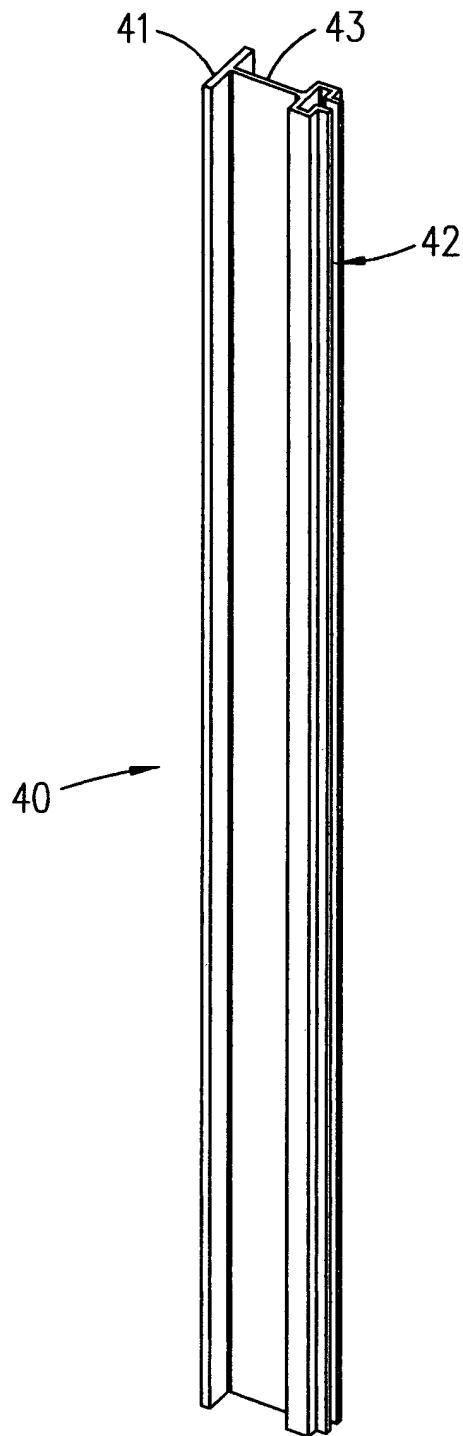


FIG. 3A

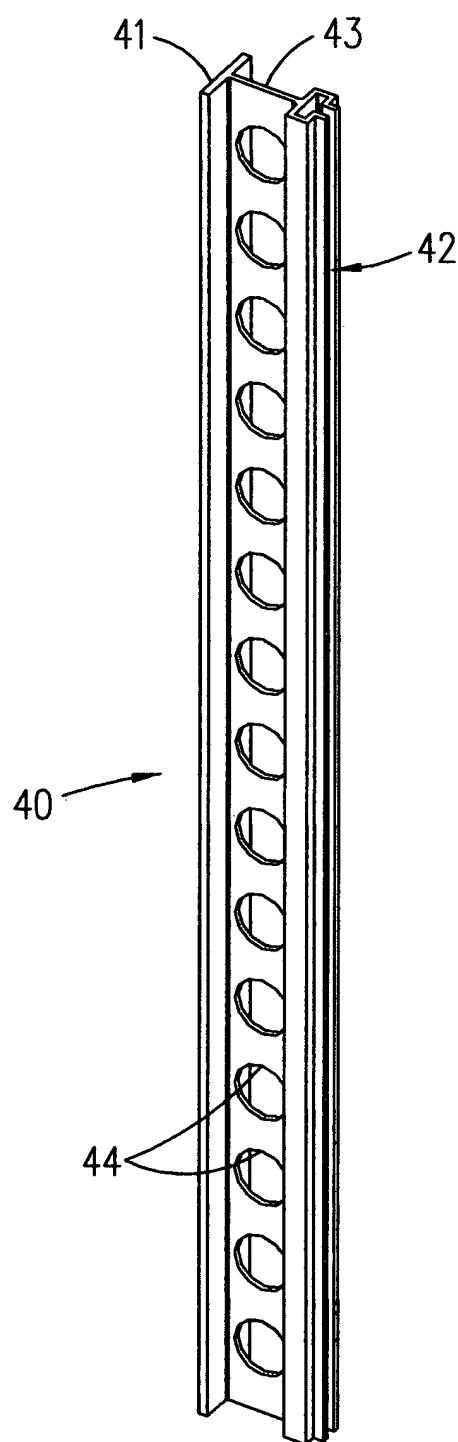
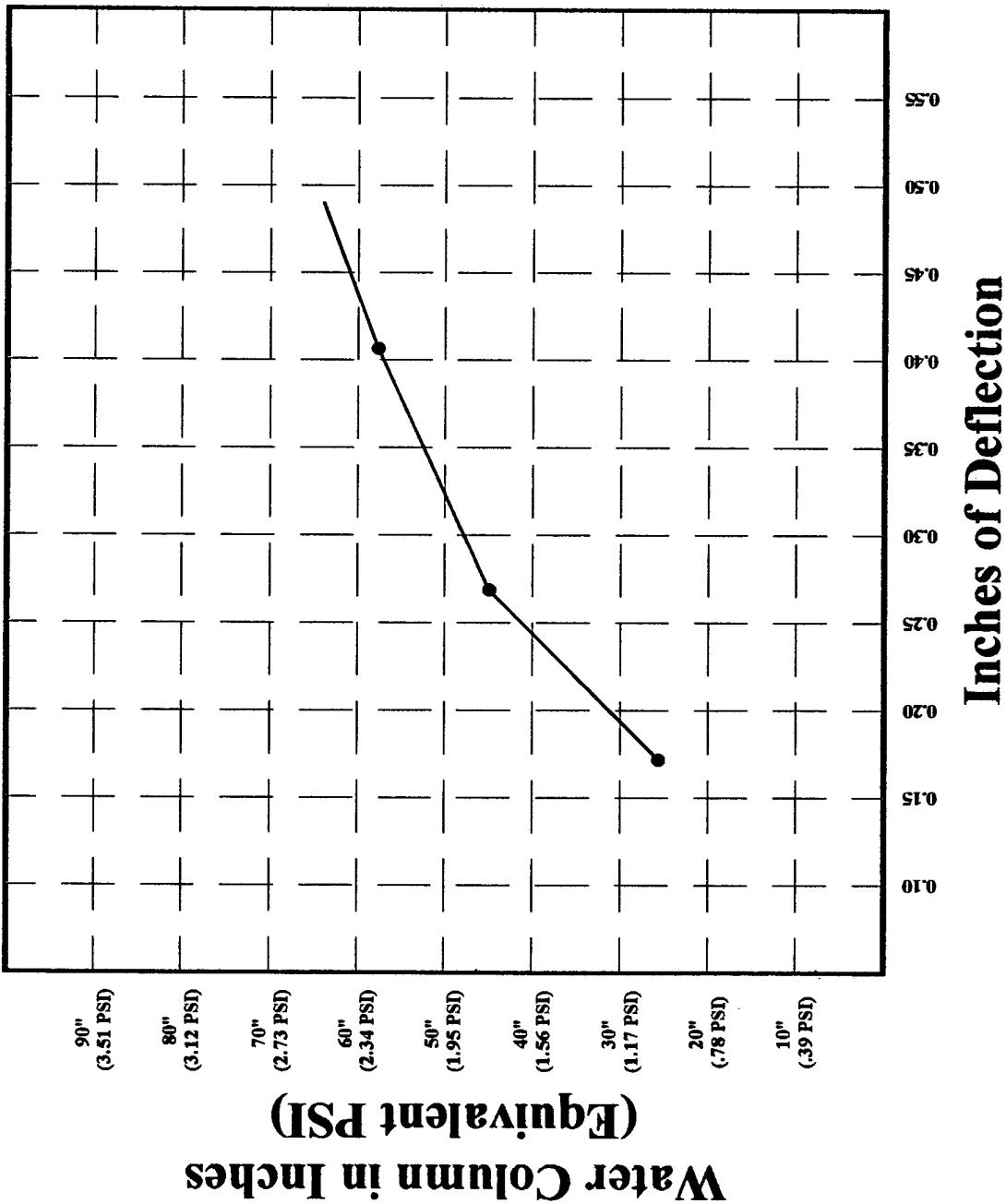


FIG. 3B

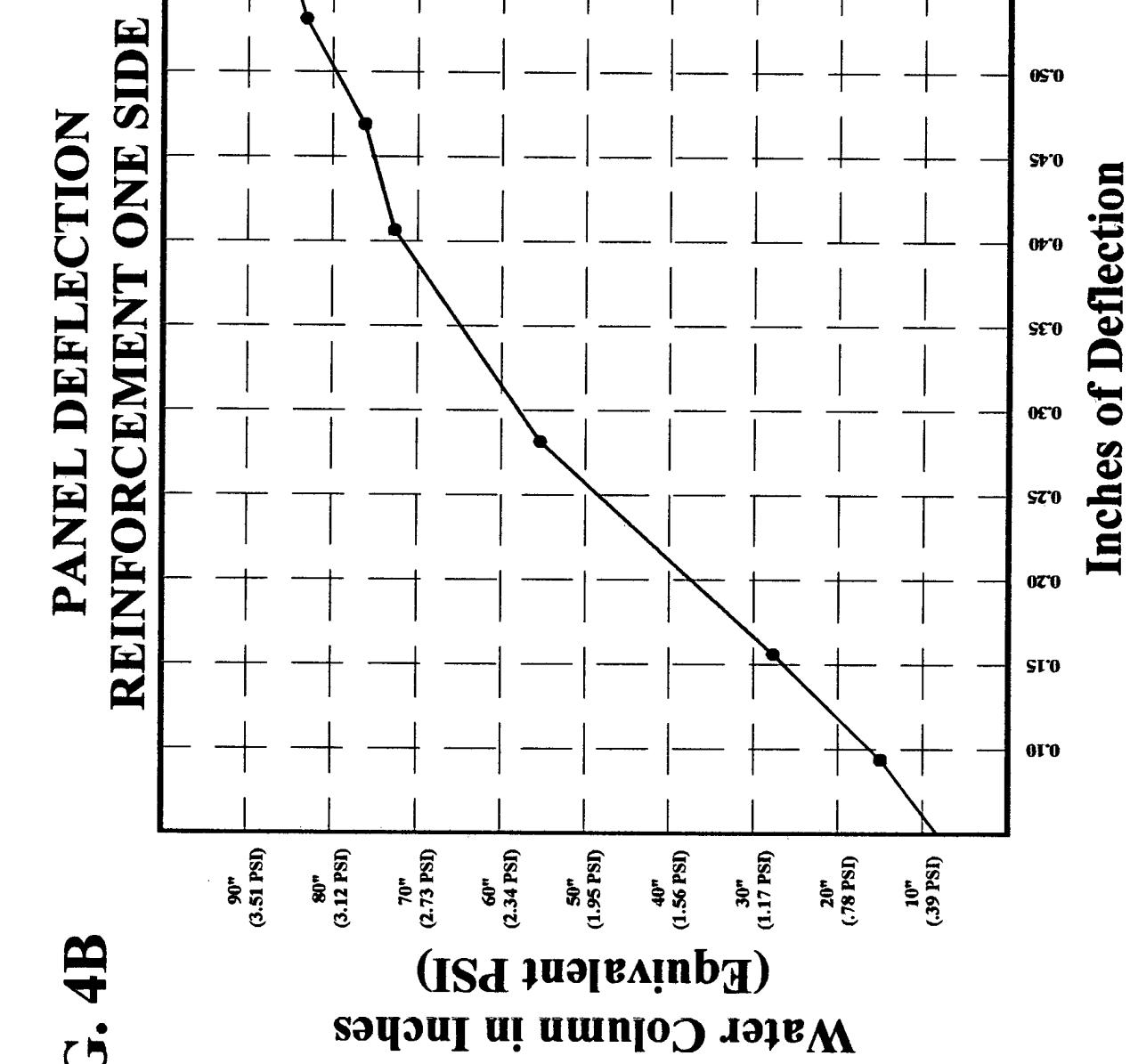
7/18

+ FIG 4A

DEFLECTION OF
KNOWN ART PANELS



8/18



9/18

FIG. 4C

PANEL DEFLECTION
REINFORCEMENT BOTH SIDES

Water Column in Inches (Equivalent PSI)

Water Column in Inches (Equivalent PSI)	Inches of Deflection
90" (3.51 PSI)	0.48
80" (3.12 PSI)	0.42
70" (2.73 PSI)	0.36
60" (2.34 PSI)	0.30
50" (1.95 PSI)	0.24
40" (1.56 PSI)	0.18
30" (1.17 PSI)	0.12
20" (.78 PSI)	0.06
10" (.39 PSI)	0.00

10/18

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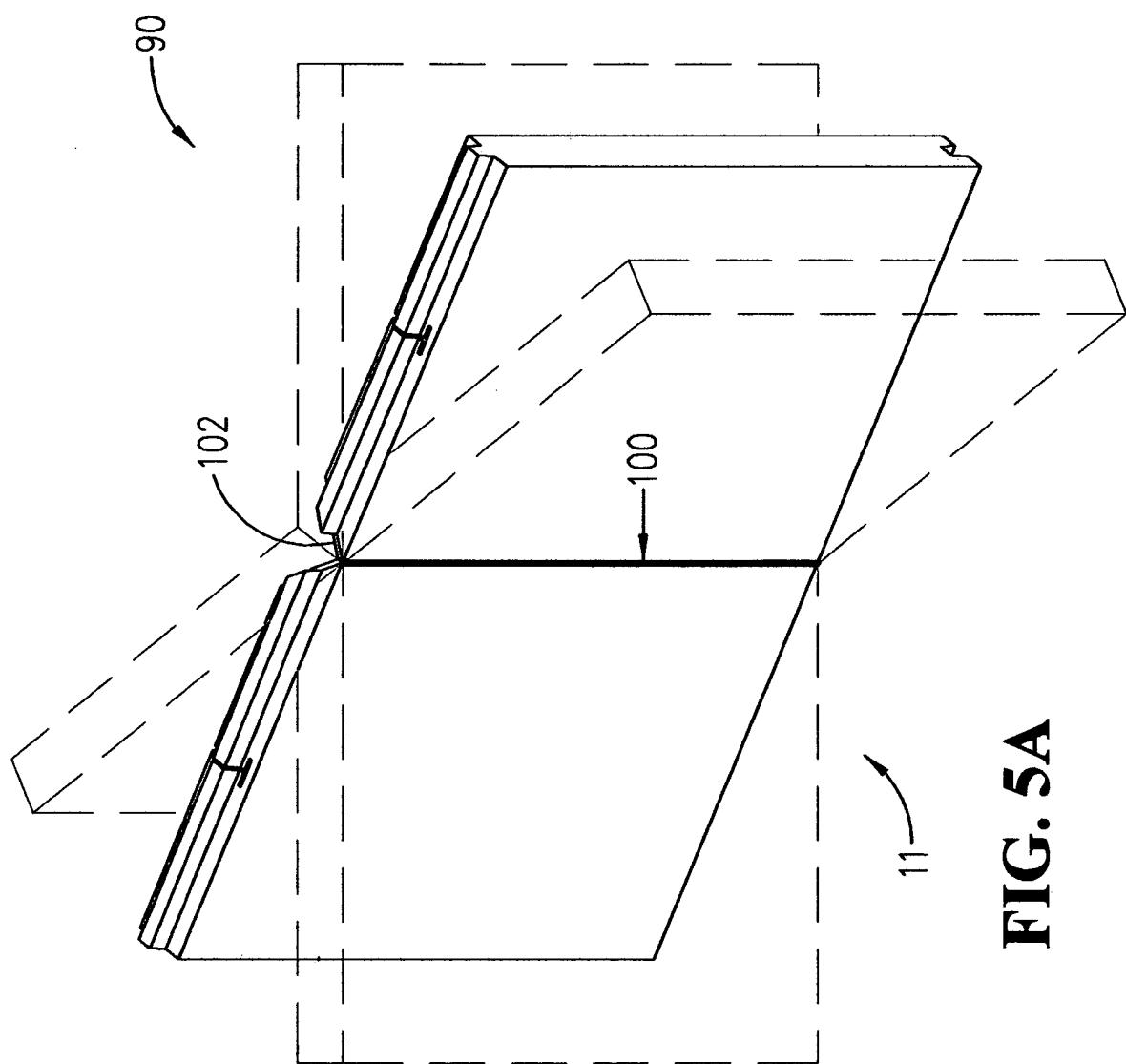


FIG. 5A

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11/18

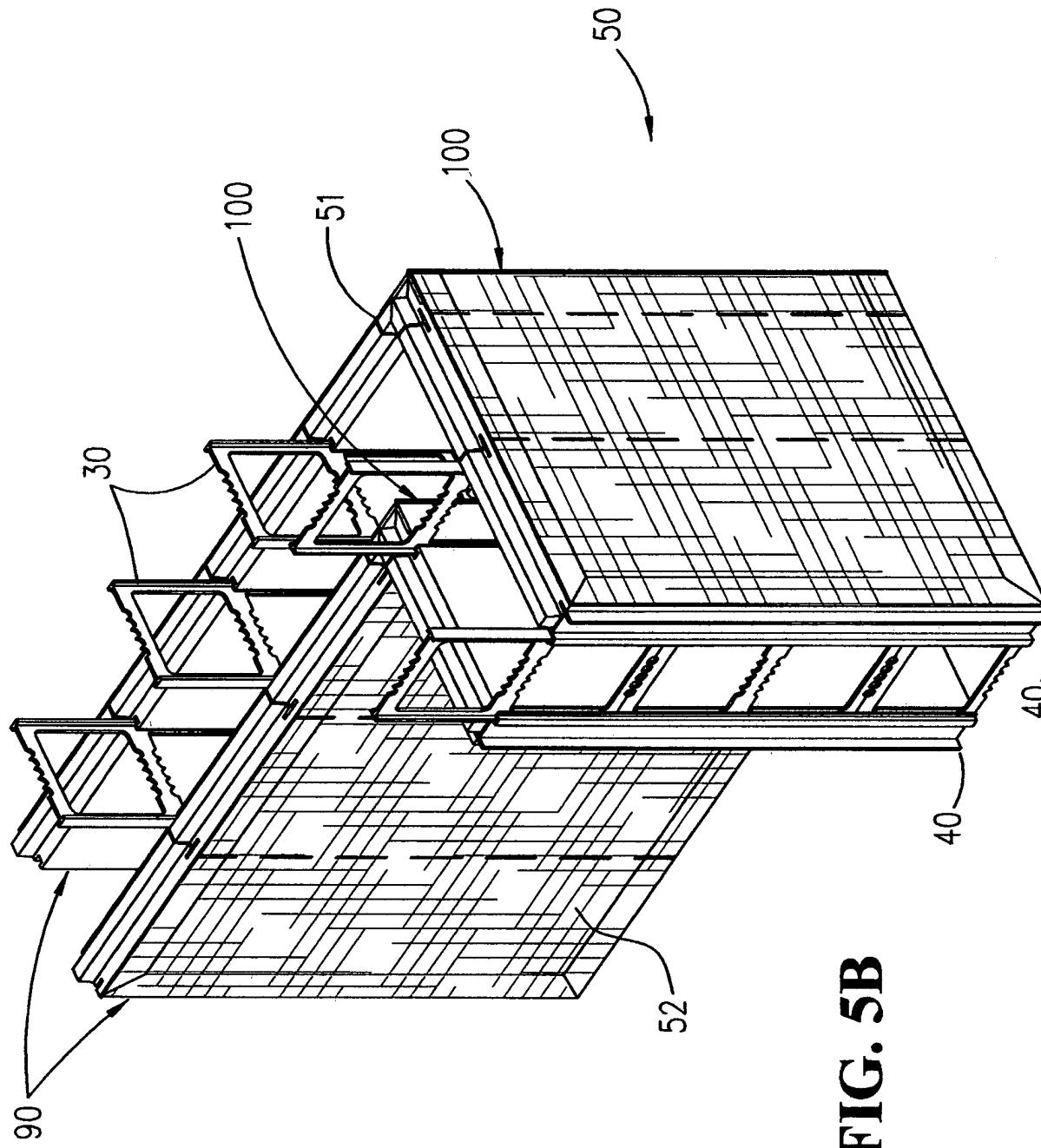


FIG. 5B

12/18

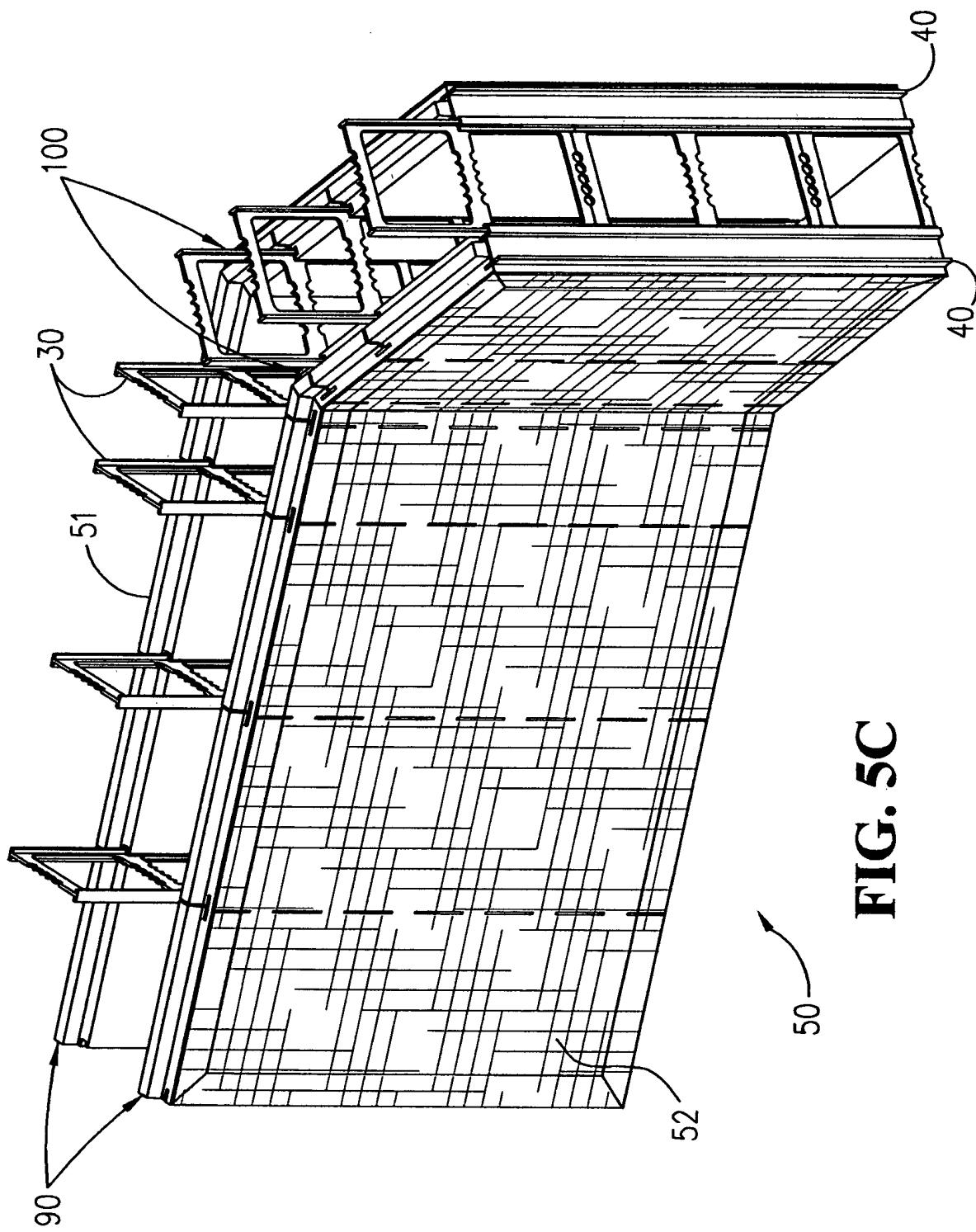


FIG. 5C

Daniel D. Dunn

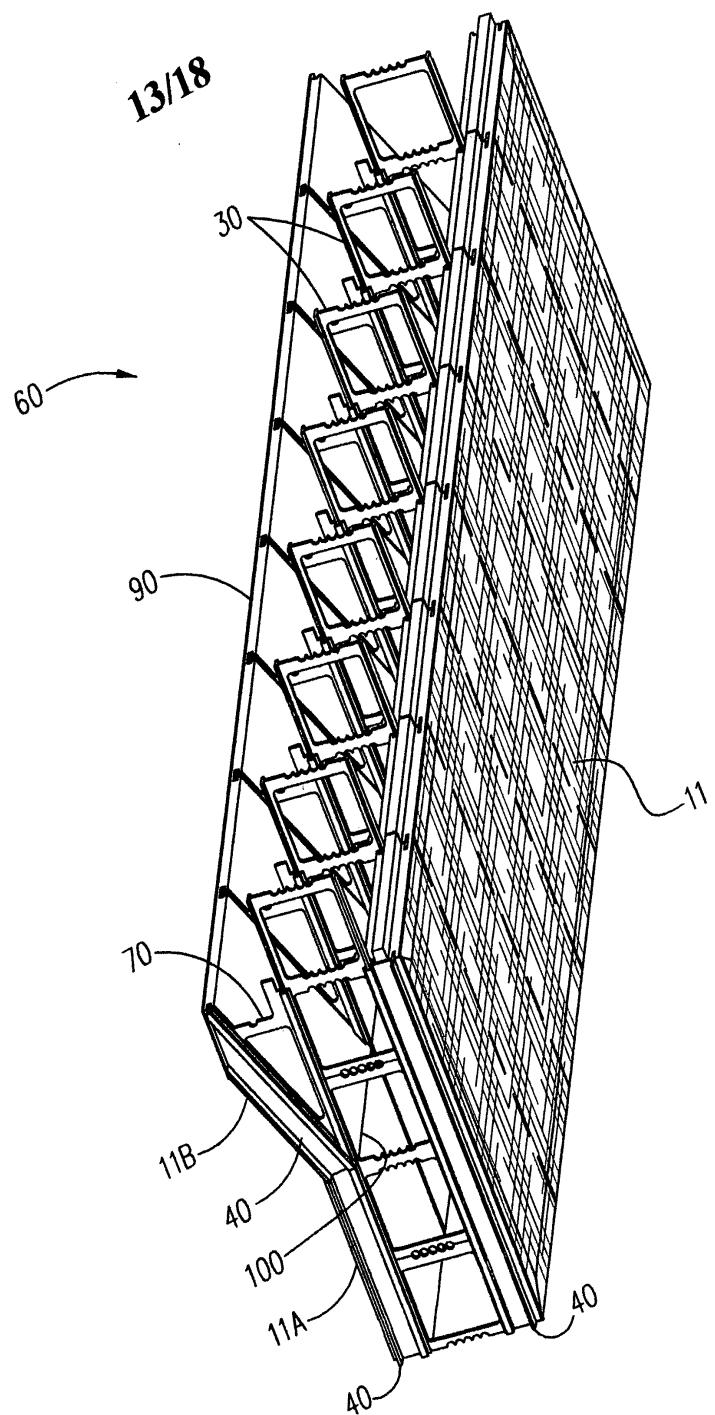


FIG. 6A

14/18

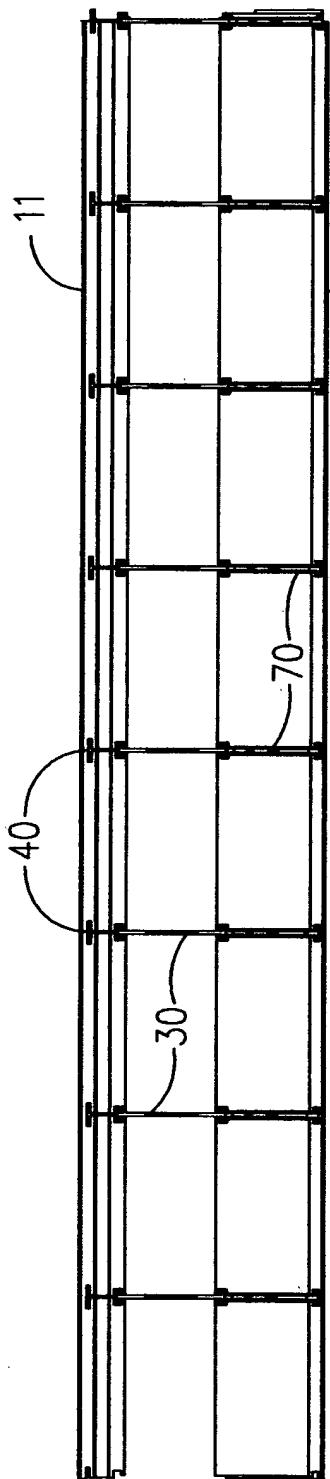


FIG. 6B

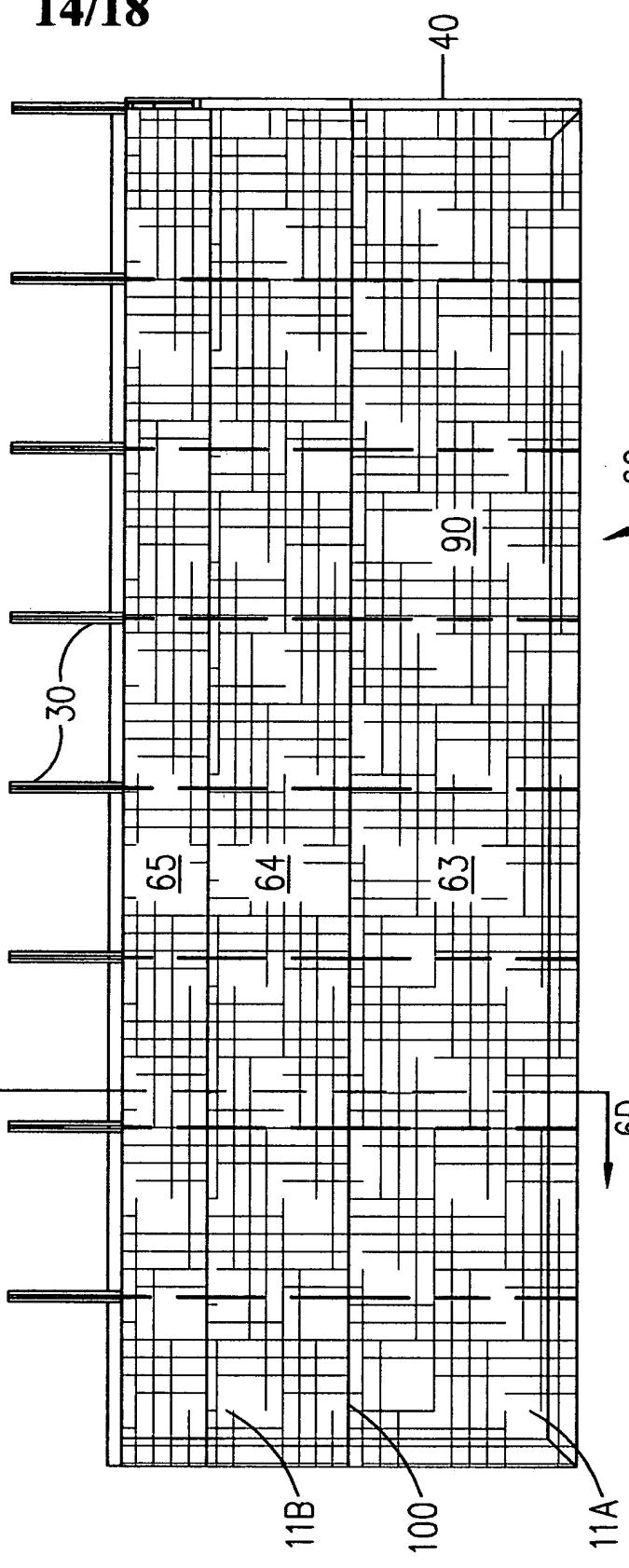


FIG. 6C

15/18

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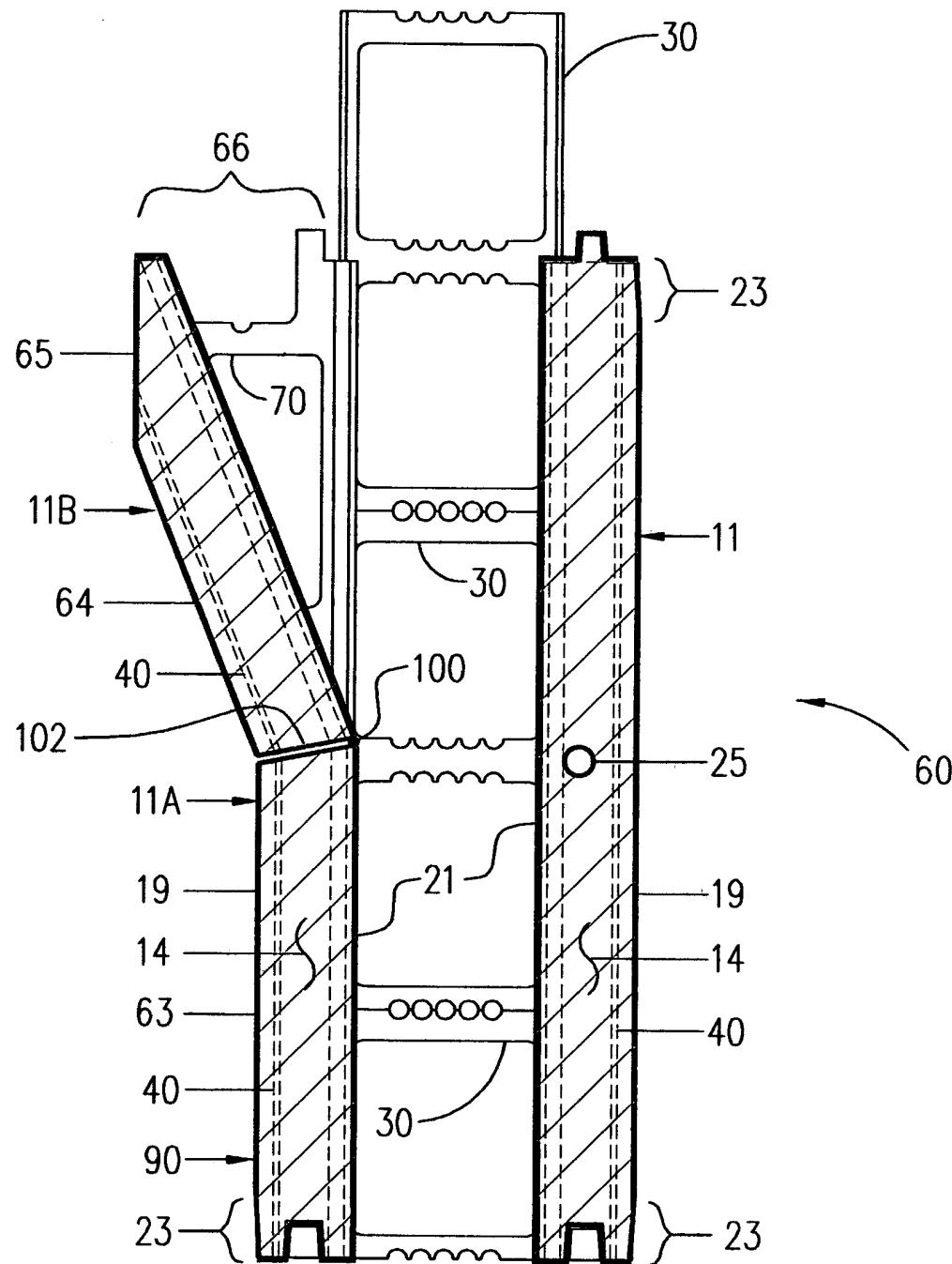


FIG. 6D

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16/18

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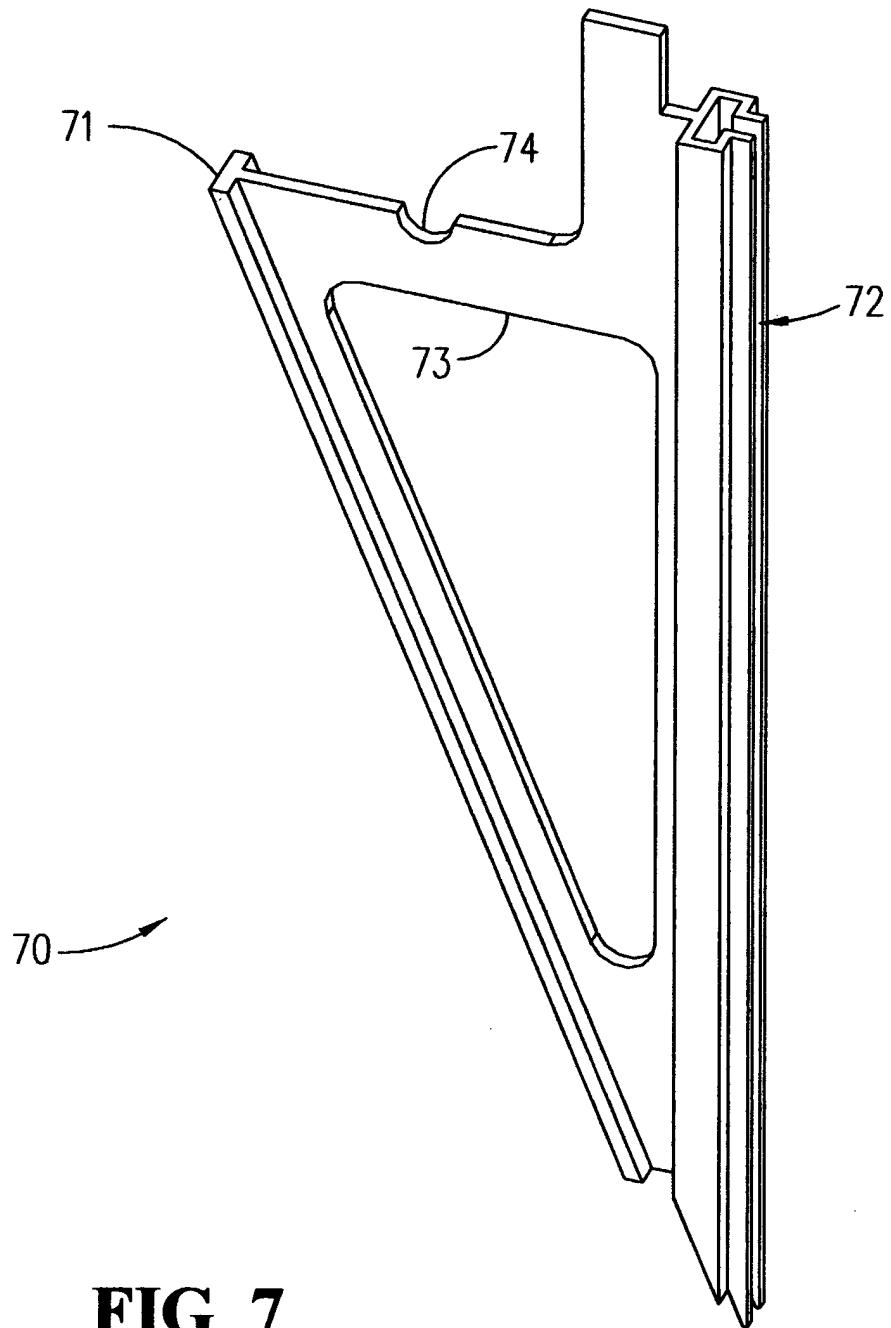


FIG 7

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17/18

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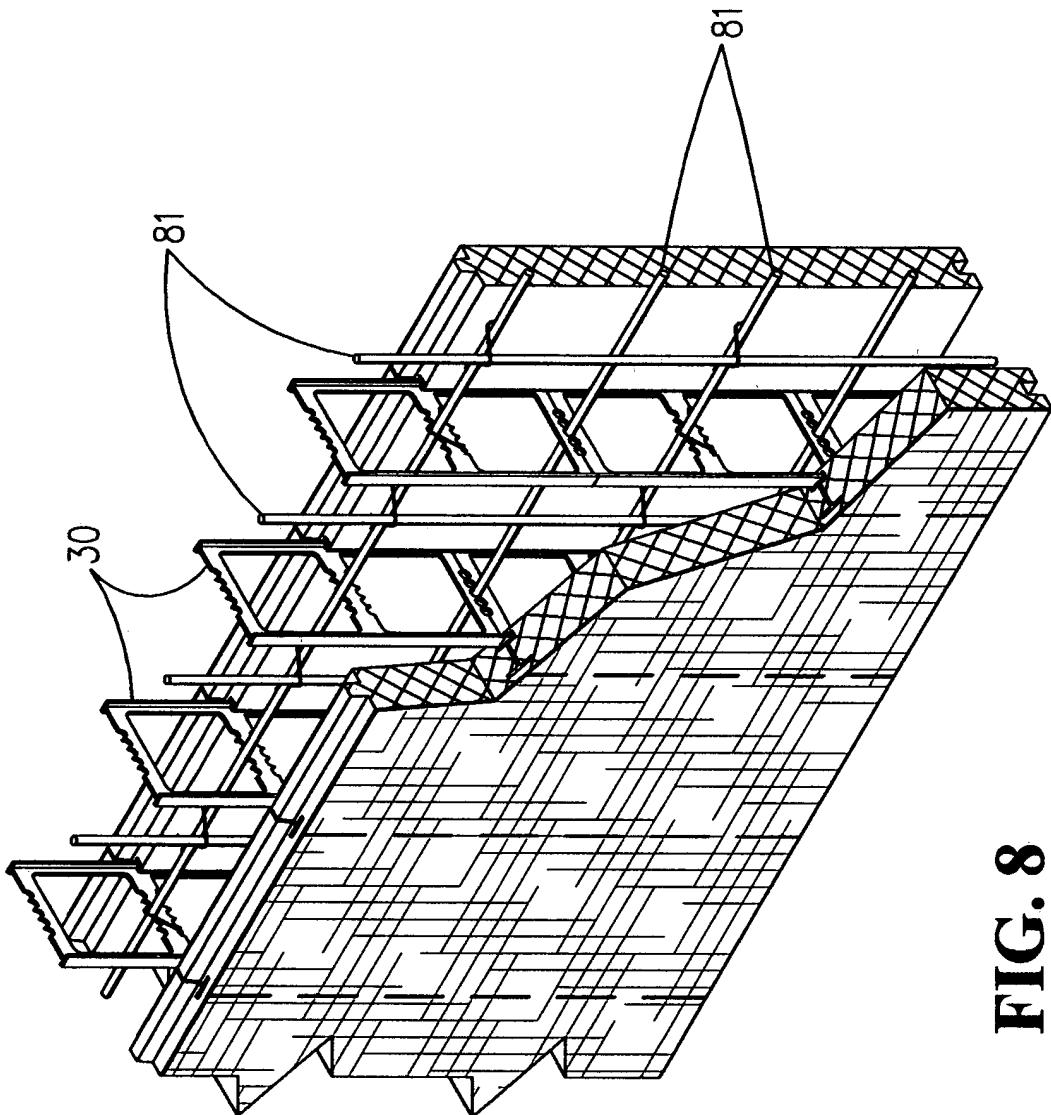


FIG. 8

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18/18

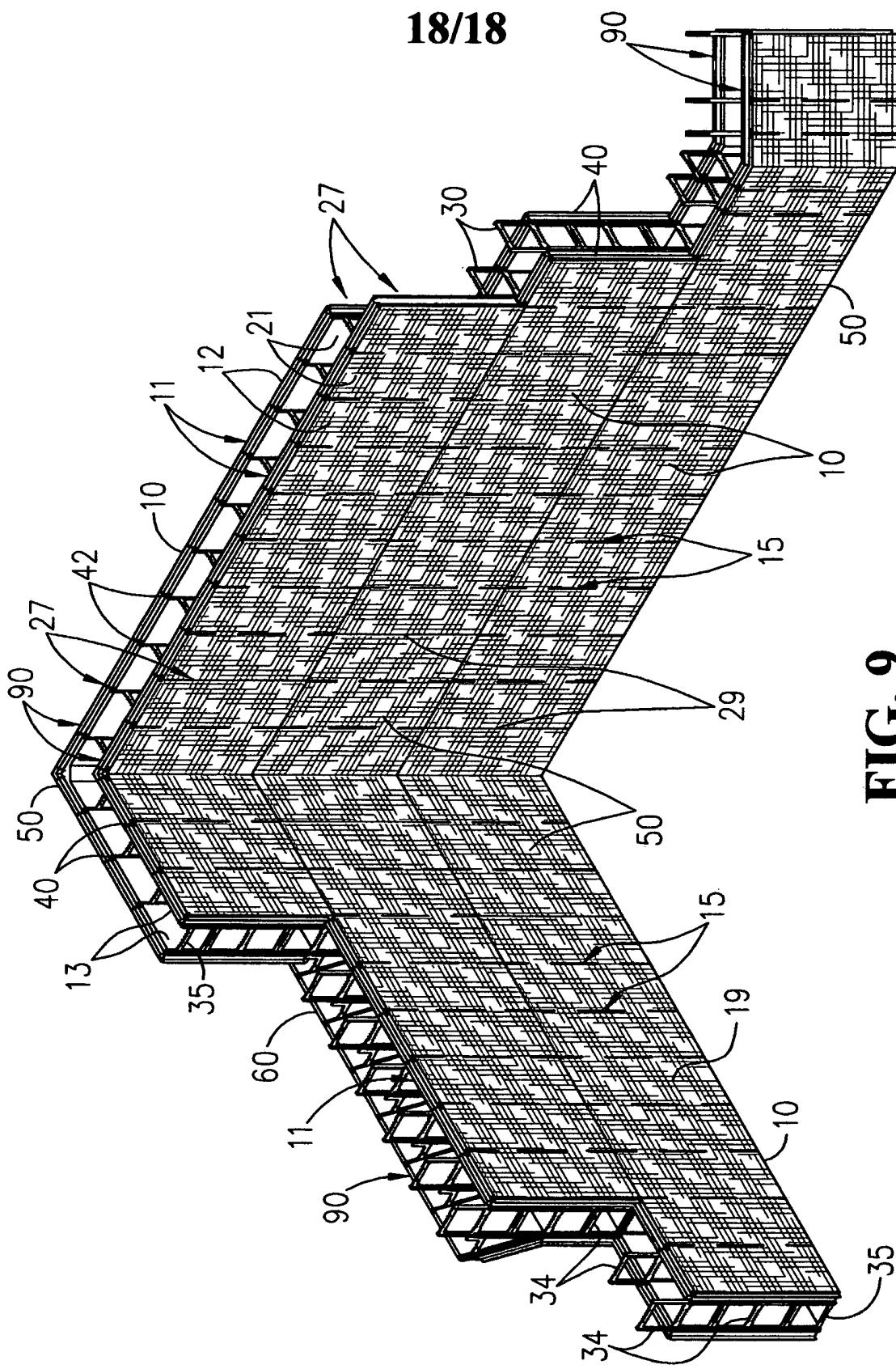


FIG. 9